Census Quality Survey Public-Use Data File: 2001
Technical Documentation
Issued October 2003

CONTENTS

CHAPTERS

Chapter 1.
Abstract

CITATION
Census Quality Survey Public Use Data File: 2001

TYPE OF FILE
Micro data public-use file.

SUBJECT CONTENT

The Census Bureau has released the Census Quality Survey (CQS) public-use data file, which is available at *www2.census.gov/census_2000/datasets/CQS*. This study was designed with the primary objective of producing a data file that could be used to bridge between the "single" race distribution in the 1990 census and other household surveys and the "one or more races" distribution in Census 2000.

The CQS was a nationally representative sample of about 55,000 households. Using a mail back questionnaire, one-half of the sample household respondents were asked to "mark one race" and during a telephone re-contact, these respondents were asked to "select one or more races." For the other half of the sample households, the reverse procedure was used.

Data from these two contacts may be used to produce "bridging parameters" to compare race distributions collected under methodologies that request either one race or one or more races. In addition, Census 2000 records were matched to their respective CQS records (with a match success rate of 86%). The matched records may also be used to produce bridging estimates.

A background document ("Census Quality Survey to Evaluate Responses to the Census 2000 Question on Race: An Introduction to the Data") was created to accompany the CQS public-use datafile and is included with this data set (see **B.3 final report.pdf**). The background document provides the following information:

‣ the background and methods of the CQS;
‣ some results produced from the file;
‣ a data dictionary (file layout) of the variables contained on the CQS public-use datafile.

Questions about the subject content in this file should be directed to: Ms. Christine Hough, Census Quality Survey Project Manager, Planning, Research, and Evaluation Division, U. S. Census Bureau, Washington DC 20233-8800. Phone: 301-763-4248.

GEOGRAPHIC CONTENT

Data records allow for identification by state. The Federal Information Processing Standards (FIPS) code is used to identify each state.

ASCII FILE TECHNICAL DESCRIPTION

Record length	103 characters
Data Set Name	cqs.dat
Record count	155,137

Chapter 2.
ASCII File Layout

ASCII FILE LAYOUT

BEG	END	VARIABLE	DESCRIPTION	VALUE DESCRIPTION	EXPLANATORY NOTE
1	5	**Z_ID**	Sample ID Number	00001 - 49957	This household level identification variable was randomly assigned to each housing unit.
6	6	padding			
7	8	**Z_PNUM**	Person Number	01 - 24	
9	9	padding			
10	19	**Z_WGT1**	Original Sample Weight	This is the initial mailout weight; that is, the inverse of the probability of selection.	The data user should use Z_WGT1 when examining race consistency or general race distributions. Note that this field is numeric with no leading zeros and two decimal places.
20	20	padding			
21	30	**Z_WGT2**	Bridging Weight	For cases where Z_STRAT eq '2' or '3', Z_WGT2 = the original sample weight. For cases where Z_STRAT eq '1' or '4', Z_WGT2 = 0.	The data user should use Z_WGT2 when examining race bridging, or allocation parameters, to a single race. Note that this field is numeric with no leading zeros and two decimal places.
31	31	padding			
32	32	**Z_PANEL**	Panel	1 = Panel A 2 = Panel B	
33	33	padding			
34	34	**Z_STRAT**	Sample Stratum	1 = Consists of housing units containing ALL single race persons pre-edit/allocation, or HUs enumerated as vacant in Census 2000. 2 = Consists of housing units containing one or more persons having a race code consisting of SOR plus ONE other OMB category. 3 = Consists of housing units containing one or more persons having a race code consisting of two OMB races, or three or more of any race (including SOR).	
35	35	padding			

36	37	**Z_STFIPS**	State FIPS Code	01 - 56 01 = AL, 02 = AK, 04 = AZ, 05 = AR, 06 = CA, 08 = CO, 09= CN, 10 = DE, 11 = DC, 12 = FL, 13 = GA, 15 = HI, 16 = ID, 17 = IL, 18 = IN, 19 = IA, 20 = KA, 21 = KY, 22 = LN, 23 = ME, 24 = MD, 25 = MA, 26 = MI, 27 = MN, 28 = MS, 29 = MO, 30 = MT, 31 = NE, 32 = NV, 33 = NH, 34 = NJ, 35 = NM, 36 = NY, 37 = NC, 38 = ND, 39 = OH, 40 = OK, 41 = OR, 42 = PA, 44 = RI, 45 = SC, 46 = SD, 47 = TN, 48 = TX, 49 = UT, 50 = VE, 51= VA, 53 = WA, 54 = WV, 55 = WI, 56 = WY	
38	38	padding			
39	40	**Z_STPOST**	State Postal Abbreviation	AL - WY	
41	41	padding			
42	42	**Z_DIV**	Census Division	1 = Northeast 2 = Middle Atlantic 3 = South Atlantic 4 = East South Central 5 = East North Central 6 = West South Central 7 = West North Central 8 = Mountain 9 = Pacific	
43	43	padding			
44	44	**Z_REGION**	Census Region	1 = Northeast 2 = South 3 = Midwest 4 = West	
45	45	padding			
46	46	**Z_IMODE**	Data Collection Mode, Initial Contact	1 = Mailout/Mailback 2 = Personal Visit	
47	47	padding			
48	48	**Z_RMODE**	Data Collection Mode, Re-contact	1 = Telephone 2 = Personal Visit 9 = No re-contact data	
49	49	padding			
50	50	**Z_IHISP**	Hispanic Origin, Initial Contact	0 = Non-Hispanic 1 = Hispanic 9 = Missing, unknown	
51	51	padding			
52	52	**Z_RHISP**	Hispanic Origin, Re-contact	0 = Non-Hispanic 1 = Hispanic 9 = Missing, unknown	
53	53	padding			
54	54	**Z_CHISP**	Hispanic Origin, Census	0 = Non-Hispanic 1 = Hispanic 9 = Missing, unknown	
55	55	padding			

56	56	**Z_SEX**	Sex	1 = Male 2 = Female 9 = Missing, unknown	Note that Z_SEX is a composite edit from the Census, Initial Contact, and Re-contact.
57	57	padding			
58	59	**Z_AGE**	Age Category	00 = 00-04; 05 = 05-09; 10 = 10-14; 15 = 15-17; 18 = 18-19; 20 = 20-24; 25 = 25-29; 30 = 30-34; 35 = 35-39; 40 = 40-44; 45 = 45-49; 50 = 50-54; 55 = 55-59; 60 = 60-64; 65 = 65-69; 70 = 70-74; 75 = 75-79; 80 = 80-84; 85 = 85+ 99 = Missing, unknown	Note that Z_AGE is a composite edit from the Census, Initial Contact, and Re-contact.
60	60	padding			
61	61	**Z_EDU**	Educational Attainment	1 = Not a HS Graduate 2 = High School Graduate - diploma or GED 3 = Some college, no degree 4 = Associate Degree 5 = Bachelors Degree 6 = Graduate or professional Degree 8 = Not in universe (age <25 or unknown) 9 = Missing, unknown	Note that Z_EDU is a composite edit from the Census and Re-contact.
62	62	padding			
63	64	**Z_RREL**	Relationship to Householder, Re-contact	01 = Householder 02 = Spouse 03 = Natural born child 04 = Adopted child 05 = Stepchild 06 = Brother or sister 07 = Parent 08 = Grandchild 09 = Other relative 10 = Roomer/boarder or foster child 11 = Housemate/roommate 12 = Unmarried partner 13 = Other nonrelative 14 = Institutional GQ person 15 = Noninstitutional GQ person 99 = Missing, unknown	Note that the respondent is generally assumed to be the householder, with some exceptions introduced during the editing process.
65	65	padding			
66	67	**Z_CREL**	Relationship to Householder, Census	(see description for Z_RREL above)	
68	68	padding			
69	69	**Z_MILIT**	Veteran's Status	1 = No military service 2 = Served in military, previously or currently 8 = Not in universe (age <18 or unknown) 9 = Missing, unknown	Note that Z_MILIT is a composite edit from the Census and Re-contact.

70	70	padding			
71	71	**Z_INCOME**	Household Income	1 = Less than $10,000 2 = $10,000 - $24,999 3 = $25,000 - $34,999 4 = $35,000 - $49,999 5 = $50,000 - $69,999 6 = $70,000 - $99,999 7 = $100,000 or more 9 = Missing, unknown	Note that Z_INCOME is a composite edit from the Census and Re-contact.
72	72	padding			
73	74	**Z_IRACE**	Race, Initial Contact	01-63 99 = Missing, unknown	Refer to the Race Code List (Footnote 4) for a complete description of race codes 01-63.
75	75	padding			
76	77	**Z_RRACE**	Race, Re-contact	01-63 99 = Missing, unknown	See Footnote 4
78	78	padding			
79	80	**Z_R2RACE**	Race, Re-contact with Followup	01-63 99 = Missing, unknown	Note that for the majority of the records, Z_R2Race=Z_RRACE. The followup race probe was only asked of Panel A individuals who responded with Two or more races or used a response such as "multiracial" or "biracial" in the initial re-contact race question. See Footnote 4.
81	81	padding			
82	83	**Z_CRACE**	Race, Census	01-63 99 = Missing, unknown	See Footnote 4.
84	84	padding			
85	85	**Z_CRFLAG**	Census Allocated Race Flag	0 = As reported 1 = Code changed through consistency edit 3 = Classified from race response in Hispanic question 4 = Allocated from within household 5 = Allocated from hot deck 9 = Missing, unknown	
86	86	padding			
87	87	**Z_CHFLAG**	Census Allocated Hispanic Origin Flag	0 = As reported 2 = Multiple response given a unique Hispanic or Non-Hispanic code 3 = Assigned Hispanic from race code 4 = Allocated from within household 5= Allocated from hot deck (surname used) 6 = Allocated from hot deck (surname not used) 9 = Missing, unknown	
88	88	padding			

89	90	**Z_IRSO**	Race, Initial Contact (SOR removed)	01 - 63 99 = Missing, unknown	Note that for each of: Z_IRSO, Z_RRSO, Z_R2SO, Z_CRSO, Some Other Race (SOR) has been removed from all Two or more race responses. The single race SOR remains. See Footnote 4.
91	91	padding			
92	93	**Z_RRSO**	Race, Re-contact (SOR removed)	01 - 63 99 = Missing, unknown	See Footnote 4.
94	94	padding			
95	96	**Z_R2RSO**	Race, Re-contact with Followup (SOR removed)	01 - 63 99 = Missing, unknown	See Footnote 4.
97	97	padding			
98	99	**Z_CRSO**	Race, Census (SOR removed)	01 - 63 99 = Missing, unknown	See Footnote 4.
100	100	padding			
101	101	**Z_SMRSP**	Same Respondent, Census to Initial Contact	0 = Not the Same or unknown 1 = Same	Note that Z_SMRSP is based on respondent self-response of which household member filled out the Census form.
102	102	padding			
103	103	**Z_NHWTRC**	Tract-level, Non-Hispanic White	0 = 'Low' 1 = 'High'	Note that Z_NHWTRC was computed based on the state-level medians of the proportion of Non-Hispanic Whites in a tract.

*   **Footnote 1: For several of the variables, we used a "composite edit." This edit incorporated an algorithm which was designed to reconcile discrepant or missing responses among the CQS Initial Contact, Re-contact, and Census 2000.**

*   **Footnote 2: Missing or unknown values for Census 2000 variables indicate that the respondent was not matched to their Census 2000 data.**

* **Footnote 3: The character "Z" as a prefix to each of the names is only used for internal purposes to distinguish between the final and original variables. Users may name the variables as they see fit.**

* Footnote 4: Race Code List		
1 = White	22 = White; Black; AIAN	43 = White; Black; AIAN; NHOPI
2 = Black	23 = White; Black; Asian	44 = White; Black; AIAN; SOR
3 = American Indian or Alaska Native (AIAN)	24 = White; Black; NHOPI	45 = White; Black; Asian; NHOPI
4 = Asian	25 = White; Black; SOR	46 = White; Black; Asian; SOR
5 = Native Hawaiian or Other Pacific Islander (NHOPI)	26 = White; AIAN; Asian	47 = White; Black; NHOPI; SOR
6 = Some other race (SOR)	27 = White; AIAN; NHOPI	48 = White; AIAN; Asian; NHOPI
7 = White; Black	28 = White; AIAN; SOR	49 = White; AIAN; Asian; SOR
8 = White; AIAN	29 = White; Asian; NHOPI	50 = White; AIAN; NHOPI; SOR
9 = White; Asian	30 = White; Asian; SOR	51 = White; Asian; NHOPI; SOR
10 = White; NHOPI	31 = White; NHOPI; SOR	52 = Black; AIAN; Asian; NHOPI
11 = White; SOR	32 = Black; AIAN; Asian	53 = Black; AIAN; Asian; SOR
12 = Black; AIAN	33 = Black; AIAN; NHOPI	54 = Black; AIAN; NHOPI; SOR
13 = Black; Asian	34 = Black; AIAN; SOR	55 = Black; Asian; NHOPI; SOR
14 = Black; NHOPI	35 = Black; Asian; NHOPI	56 = AIAN: Asian; NHOPI; SOR
15 = Black; SOR	36 = Black; Asian; SOR	57 = White; Black; AIAN; Asian; NHOPI
16 = AIAN; Asian	37 = Black; NHOPI; SOR	58 = White; Black; AIAN; Asian; SOR
17 = AIAN; NHOPI	38 = AIAN; Asian; NHOPI	59 = White; Black; AIAN; NHOPI; SOR
18 = AIAN; SOR	39 = AIAN; Asian; SOR	60 = White; Black; Asian; NHOPI; SOR
19 = Asian; NHOPI	40 = AIAN; NHOPI; SOR	61 = White; AIAN; Asian; NHOPI; SOR
20 = Asian; SOR	41 = Asian; NHOPI; SOR	62 = Black; AIAN; Asian; NHOPI; SOR
21 = NHOPI; SOR	42 = White; Black; AIAN; Asian	63 = White; Black; AIAN; Asian; NHOPI; SOR

Chapter 3.
User Updates

User updates supply data users with additional or corrected information that becomes available after the technical documentation or files are prepared. They are issued as Count Question Resolution Notes, Data Notes, Geography Notes, and Technical Documentation Notes in a numbered series and are available in portable document format (PDF) on our Web site at http://www.census.gov.

If you print the documentation, please file the user updates cover sheet behind this notice. If there are technical documentation replacement pages, they should be filed in their proper location and the original pages destroyed.